

## 215.470

(ii) FAR 52.215-12, Subcontractor Cost or Pricing Data; or

(iii) FAR 52.215-13, Subcontractor Cost or Pricing Data—Modifications.

(2) Use the clause at 252.215-7002, Cost Estimating System requirements, in all solicitations and contracts to be award on the basis of cost or pricing data.

### 215.470 Estimated data prices.

(a) DoD requires estimates of the prices of data in order to evaluate the cost to the Government of data items in terms of their management, product, or engineering value.

(b) When data are required to be delivered under a contract, the solicitation will include DD Form 1423, Contract Data Requirements List. The form and the provision included in the solicitation request the offeror to state what portion of the total price is estimated to be attributable to the production or development of the listed data for the Government (not to the sale of rights in the data). However, offerors' estimated prices may not reflect all such costs; and different offerors may reflect these costs in a different manner, for the following reasons—

(1) Differences in business practices in competitive situations;

(2) Differences in accounting systems among offerors;

(3) Use of factors or rates on some portions of the data;

(4) Application of common effort to two or more data items; and

(5) differences in data preparation methods among offerors.

(c) Data price estimates should not be used for contract pricing purposes without further analysis.

(d) The contracting officer shall ensure that the contract does not include a requirement for data that the contractor has delivered or is obligated to deliver to the government under another contract or subcontract, and that the successful offeror identifies any such data required by the solicitation. However, where duplicate data are desired, the contract price shall include the costs of duplication, but not of preparation, of such data.

## 48 CFR Ch. 2 (10-1-05 Edition)

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## Subpart 216.1—Selecting Contract Types

### 216.104 Factors in selecting contract types.

(d) Design stability should also be considered.

#### 216.104-70 Research and development.

(a) *General.* There are several categories of research and development (R&D) contracts: research, exploratory development, advanced development, engineering development, and operational systems development (see 235.001 for definitions). Each category has a primary technical or functional objective. Different parts of a project may fit several categories. The contract type must fit the work required, not just the classification of the overall program.

(b) *Research and exploratory development.* (1) Price is not necessarily the primary factor in determining the contract type.

(2) The nature of the work to be performed will usually result in a cost-plus award fee, cost-plus fixed fee term, cost-no-fee, or cost-sharing contract.

(3) If the Government and the contractor can identify and agree upon the level of contractor effort required, the contracting officer may select a firm fixed-price level-of-effort contract, except see 235.006.

(4) If the Government and the contractor agree that an incentive arrangement is desirable and capable of being evaluated after completion of the work, the contracting officer may use an incentive type contract.

(c) *Advanced development.* (1) The nature of the work to be performed often results in a cost-plus fixed fee completion type contract.

(2) Contracting officers may select incentive contracts if—

(i) Realistic and measurable targets are identified; and

(ii) Achievement of those targets is predictable with a reasonable degree of accuracy.

(3) Contracting officers should not use contracts with only cost incentives where—

(i) There will be a large number of major technical changes; or

(ii) Actions beyond the control of the contractor may influence the contractor's achievement of cost targets.

(d) *Engineering development and operational systems development.* (1) When selecting contract types, also consider—

(i) The degree to which the project is clearly defined, which in turn affects the contractor's ability to provide accurate cost estimates;

(ii) The need for effort that will overlap that of earlier stages;

(iii) The need for firm technical direction by the Government; and

(iv) The degree of configuration control the Government will exercise.

(2) For development efforts, particularly for major defense systems, the preferred contract type is cost reimbursement.

(3) Contracting officers should use fixed-price type contracts when risk has been reduced to the extent that realistic pricing can occur; e.g., when a program has reached the final stages of development and technical risks are minimal, except see 235.006.

## Subpart 216.2—Fixed-Price Contracts

### 216.203 Fixed-price contracts with economic price adjustment.

#### 216.203-4 Contract clauses.

(a) *Adjustment based on established prices-standard supplies.* Generally, use the clause at FAR 52.216-2, Economic Price Adjustment-Standard Supplies, only when—

(i) The total contract price exceeds the simplified acquisition threshold; and

(ii) Delivery will not be completed within 6 months after the contract date.

(b) *Adjustment based on established prices-semistandard supplies.* Generally, use the clause at FAR 52.216-3, Economic Price Adjustment-Semistandard Supplies, only when—

(i) The total contract price exceeds the simplified acquisition threshold; and

(ii) Delivery will not be completed within 6 months after the contract date.

(c) *Adjustments based on actual cost of labor or material.*